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PCT Rec'd 2 FEB 2001

JYG143USA

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of	) Group Art Unit:
	)
Ian G. Sayce et al	) Examiner:
	)
Appln. No. 09/743,623	)
	)
Filed: January 12, 2001	)
	)
For: PROCESS AND APPARATUS FOR	) January 30, 2001
MANUFACTURING A GLASS INGOT	)
FROM SYNTHETIC SILICA	)

Assistant Commissioner for Patents  
Box PCT  
Washington, DC 20231


Attn: Application Division

Sir:

Applicants and the undersigned attorney herewith submit the executed Combined Declaration and Power of Attorney form for the above-identified patent application as required under 37 CFR §1.495(c)(2) along with the appropriate surcharge fee of \$130.00 under 37 CFR §1.492(e).

## CERTIFICATE UNDER 37 CFR §1.8(a)

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail, postage prepaid, under 37 CFR §1.8(a) on the date indicated below and is addressed to the Assistant Commissioner for Patents, Washington, DC 20231

Signature   
Date 1-30-2001

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The Director of the U. S. Patent and Trademark Office is hereby authorized to charge any deficiency in any fees due with the filing of this paper or credit any overpayment in any fees paid on the filing, or during prosecution of this application to Deposit Account No. 08-3040.

Respectfully submitted,

HOWSON AND HOWSON  
Attorneys for the Applicants

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Mary E. Bak  
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Please type a plus sign (+) inside this box → ☐

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/743,623
	Filing Date	January 12, 2001
	First Named Inventor	Ian G. Sayce et al
	Group Art Unit	
	Examiner Name	
Total Number of Pages in This Submission	14	Attorney Docket Number JYG143USA

ENCLOSURES <i>(check all that apply)</i>		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers <i>(for an Application)</i> <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i> <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i>  Submission of executed Declaration and Power of Attorney form (37CFR1.495(d)(2))
Remarks <input style="width: 400px; height: 40px;" type="text"/>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Mary E. Bak, Esquire Howson and Howson
Signature	<i>Mary E. Bak</i>
Date	<i>Jan. 30, 2001</i>

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: <u>1-30-2001</u>			
Typed or printed name	Debra N. Garstemeier		
Signature	<i>Debra N. Garstemeier</i>	Date	<u>1-30-2001</u>

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PTO PCT Rec'd 8 FEB 2001

PTO/SB/17 (09-00)

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 130.00

## Complete if Known

Application Number	09/743,623
Filing Date	January 12, 2001
First Named Inventor	Ian G. Sayce et al
Examiner Name	
Group Art Unit	
Attorney Docket No.	JYG143USA

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:
- Deposit Account Number 08-3040
- Deposit Account Name Howson and Howson
- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- ☐ Applicant claims small entity status. See 37 CFR 1.27
2. ☒ Payment Enclosed:
- ☒ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

1. BASIC FILING FEE							
Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
		101	710	201	355	Utility filing fee	
		106	320	206	160	Design filing fee	
		107	490	207	245	Plant filing fee	
		108	710	208	355	Reissue filing fee	
		114	150	214	75	Provisional filing fee	
SUBTOTAL (1) (\$)							

2. EXTRA CLAIM FEES							
Total Claims	Extra Claims	Fee from below	Fee Paid				
	-20** =	X					
Independent Claims	-3** =	X					
Multiple Dependent							

Large Entity		Small Entity					
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description			
103	18	203	9	Claims in excess of 20			
102	80	202	40	Independent claims in excess of 3			
104	270	204	135	Multiple dependent claim, if not paid			
109	80	209	40	** Reissue independent claims over original patent			
110	18	210	9	** Reissue claims in excess of 20 and over original patent			
SUBTOTAL (2) (\$)							

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

3. ADDITIONAL FEES								
Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid	
105	130	205	65			Surcharge - late filing fee or oath	130	
127	50	227	25			Surcharge - late provisional filing fee or cover sheet		
139	130	139	130			Non-English specification		
147	2,520	147	2,520			For filing a request for <i>ex parte</i> reexamination		
112	920*	112	920*			Requesting publication of SIR prior to Examiner action		
113	1,840*	113	1,840*			Requesting publication of SIR after Examiner action		
115	110	215	55			Extension for reply within first month		
116	390	216	195			Extension for reply within second month		
117	890	217	445			Extension for reply within third month		
118	1,390	218	695			Extension for reply within fourth month		
128	1,890	228	945			Extension for reply within fifth month		
119	310	219	155			Notice of Appeal		
120	310	220	155			Filing a brief in support of an appeal		
121	270	221	135			Request for oral hearing		
138	1,510	138	1,510			Petition to institute a public use proceeding		
140	110	240	55			Petition to revive - unavoidable		
141	1,240	241	620			Petition to revive - unintentional		
142	1,240	242	620			Utility issue fee (or reissue)		
143	440	243	220			Design issue fee		
144	600	244	300			Plant issue fee		
122	130	122	130			Petitions to the Commissioner		
123	50	123	50			Petitions related to provisional applications		
126	240	126	240			Submission of Information Disclosure Stmt		
581	40	581	40			Recording each patent assignment per property (times number of properties)		
146	710	246	355			Filing a submission after final rejection (37 CFR § 1.129(a))		
149	710	249	355			For each additional invention to be examined (37 CFR § 1.129(b))		
179	710	279	355			Request for Continued Examination (RCE)		
169	900	169	900			Request for expedited examination of a design application		
Other fee (specify) _____								
*Reduced by Basic Filing Fee Paid								
SUBTOTAL (3) (\$)							130.00	

## SUBMITTED BY

Name (Print/Type)	Mary E. Bak	Registration No. (Attorney/Agent)	31,215	Telephone	215-540-9200
Signature	<i>Mary E. Bak</i>	Date	Jan 30, 2001		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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